

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 08-008860

(43)Date of publication of application : 12.01.1996

(51)Int.Cl.

H04H 1/00
H04L 9/00
H04L 9/10
H04L 9/12

(21)Application number : 06-142721

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(22)Date of filing : 24.06.1994

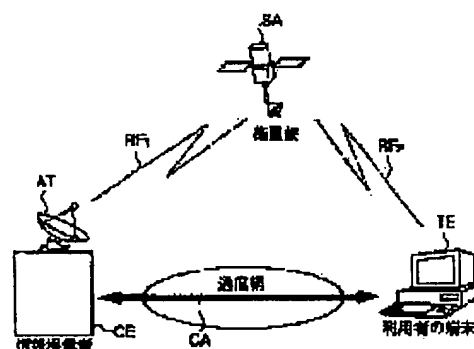
(72)Inventor : KURIHARA AKIRA

(54) INFORMATION PROVIDING SYSTEM

(57)Abstract:

PURPOSE: To facilitate easy acquisition of desired information without being influenced by the skill of a user.

CONSTITUTION: This system is constituted of a center CE as an information provider side and a terminal TE which is a user side terminal for receiving the provision of the information from the center CE. Then, a transmission antenna AT for transmitting antenna radio waves RF1 to a communication satellite SA is installed on the side of the center CE and on the other hand, retransmission radio waves RF2 are transmitted from the communication satellite SA to the terminal TE. Thus, a satellite broadcasting network as a first communication form for providing partial information from the side of the center CE to the side of the terminal TE is constructed. Also, a communication network for which the cable CA of ISDN or the like for instance is a medium is constructed between the center CE and the terminal TE and whole information specified on the side of the terminal TE is transmitted from the center CE to the terminal TE by a second communication form by a channel transmission form.



LEGAL STATUS

[Date of request for examination] 22.05.2001

[Date of sending the examiner's decision of rejection] 06.09.2004

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection] 2004-20585

TI - Digital multi-channel television receiving system - incorporates encoding and multiplexing screen images of multiple channels in transmitter to provide picture-in-picture display

AB - J06303543 The television system compresses the voice messages at the transmitting end by encoding them with suitable encoder. Error correcting codes are added to this encoder signal. Similar set of signals from various channels are processed, multiplexed, digitally modulated and transmitted.

- In the receiver these signals are digitally demodulated. The error correcting codes are then used to ensure identity of the channels. Based on the program chosen by the user, the corresponding encoder image screen is made as the main screen and the remaining small screen. These are stored in temporary memories. The main and small screen images are decoded separately. The main screen image is processed and then displayed on the screen along with the other images.

- USE/ADVANTAGE - For use in multiple channel television system. Simplifies program selection method of small screen in television receiver, results in presentation of large and small screens simultaneously.

- (Dwg.1/9)

PN - JP6303543 A 19941028 DW199503 H04N5/45 012pp

PR - JP19930085894 19930413

PA - (HITA) HITACHI LTD

MC - W03-A11 W03-A13B

DC - W03

IC - H04N5/45

AN - 1995-017976 [03]

===== PAJ =====

TI - DIGITAL TELEVISION BROADCAST RECEIVER AND BROADCASTING SYSTEM

AB - PURPOSE: To display plural pieces of video information on the same screen simultaneously as plural slave screens without expanding the scale of a demodulation means in a multi-channel digital television broadcast receiver.

- CONSTITUTION: A transmission side transmits information required for the decoding of information as slave screen information by adding on additional data, or transmits the slave screen as the hierarchical information of a master screen separately from master screen information. A reception side selects plural pieces of compression coding video information at a program selecting means 13, and decodes one of selected information as the master screen information and others as the slave screen information by a master screen video encoder 14A and a slave screen video encoder 14B.

PN - JP6303543 A 19941028

PD - 1994-10-28

ABD - 19950228

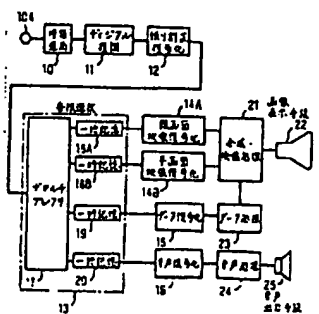
ABV - 199501

AP - JP19930085894 19930413

PA - HITACHI LTD

IN - NODA MASAKI; others: 03

I - H04N5/45



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